R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3477	039	03 13 78	21AN	3440	7637

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0006	09	07	14	032	Y	NE	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	S	FT	151	—	10	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00004	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	34° 40'	76° 37'	1792	4874	6		1027	1028
							PU	ON
FINISH	34° 39'	76° 35'	1796	4868	4		1058	1101

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1300 2 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Anadromous

32 Blue back 1 Alewife

FIN	CRUST	SHELL	OTHER
4.2	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3477 DATE 13 March 1978 BIOLOGISTS BFH SWL JOT TNG

TOT. CATCH WT. 4.25 AIR 13.5°C SURFACE 8.8°C BOTTOM 7.4°C

SAMPLE WT. — RAISING FACTOR — GRID 21 AN

SPECIES	C or NC	SUBSAMPLE NUMBER	SUBSAMPLE WEIGHT	TOTAL NO.	TOTAL WT.	$\bar{X}$ WT	REMARKS
Alosa aestivalis				32	3.5	0.1	Length-Freq.
Anchoa mitchilli			num	tiva			non-quantitative
Alosa pseudoharengus				1	0.25	08	Length-Freq

Species: *Alosa pseudoharengus*

STATION: 34 33
GRID: 21AN
DATE: 13 Nov '78

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	272	♀				Area II
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

Inshore

Species: *Alosa aestivalis*

STATION: 3417
GRID: 21 AN
DATE: 13 Mar '78

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	188	♀ IM				N=32
2	187	♂ IM				
3	143	♂ IM				
4	153	♂ IM				
5	170	♂ IM				
6	154	♂ IM				
7	193	♀ IM				
8	164	♀ IM				
9	179	♀ IM				
10	172	♂ IM				
11	194	♂ IM				
12	189	♀ IM				
13	156	♂ IM				
14	147	♂ IM				
15	175	♀ IM				
16	149	♂ IM				
17	162	♂ IM				
18	155	♀ IM				
19	150	♀ IM				
20	160	♀ IM				
21	162	♀ IM				
22	166	♂ IM				
23	172	♂ IM				
24	148	♀ IM				
25	179	♀ IM				
26	146	♀ IM				
27	168	♀ IM				
28	188	♀ IM				
29	145	♀ IM				
30	140	♂ IM				
31	63	UNK				
32	79	UNK				
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa aestivalis STATION: 3477

DATE: March 1978 LOCALITY: Area II West

T.L.	♂	♀		
50-59.9				
60-				
70-				1
80-				1
90-				
100-				
110-				
120-				
130-				
140-	4	3	7	
150-	3	2	5	
160-	2	4	6	
170-	3	3	6	
180-	1	3	4	
190-	1	1	2	
200-				
210-	N=14	N=16	N=30	N=2
220-				
230-				
240-				
250-				
260-				
270-				
280-				
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.	♂	♀		
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL	14	16	30	2
	101.78	168.06	135.18	81.5
	16.04	10.23	16.42	2.82
	range ♂ 146-193mm			
	range ♀ 145-193mm			

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa aestivalis* STATION: 34 27

DATE: 13 March 1978 LOCALITY: Area II 21AN

T.L.	♂	♀	Sex unk.	non-gravid ♀
50-59.9				
60-				
70-				1
80-				1
90-				
100-				
110-				
120-				
130-				
140-	4	3	7	
150-	3	2	5	
160-	2	4	6	
170-	3	3	6	
180-	1	3	4	
190-	1	1	2	
200-				
210-				
220-				
230-				
240-				
250-				
260-				
270-				
280-				
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.	♂	♀	Sex unk.	non-gravid ♀
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL				
N	14	16	[illegible]	2
$\bar{x}$	160.32	167.62	162.13	181.0
s.d.	16.04	12.69	12.42	2.82

range ♂ 140 - 194 mm

range ♀ 146 - 194 mm

range Sex unk. 99 - 99 mm

(non-gravid ♀)

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Ahsa pseudotaenigus

STATION: 3477

DATE: 3-13-78

LOCALITY: 2 AM Area II

T. L.	♂	♀	Sex Unk.	non-part.
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-				
140-				
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-				
240-				
250-				
260-				
270-		1	1	
280-				
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T. L.	♂	♀	Sex Unk.	non-part.
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL				
N	0	1	1	
$\bar{x}$	—	272	—	
S.D.	—	0	—	
	range ♀ 272mm			